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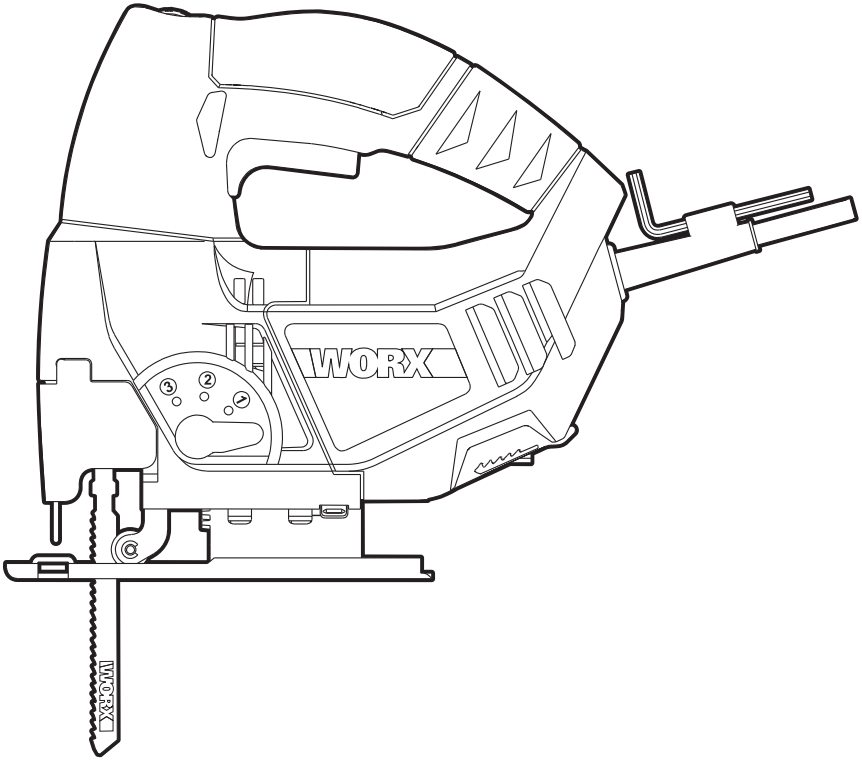
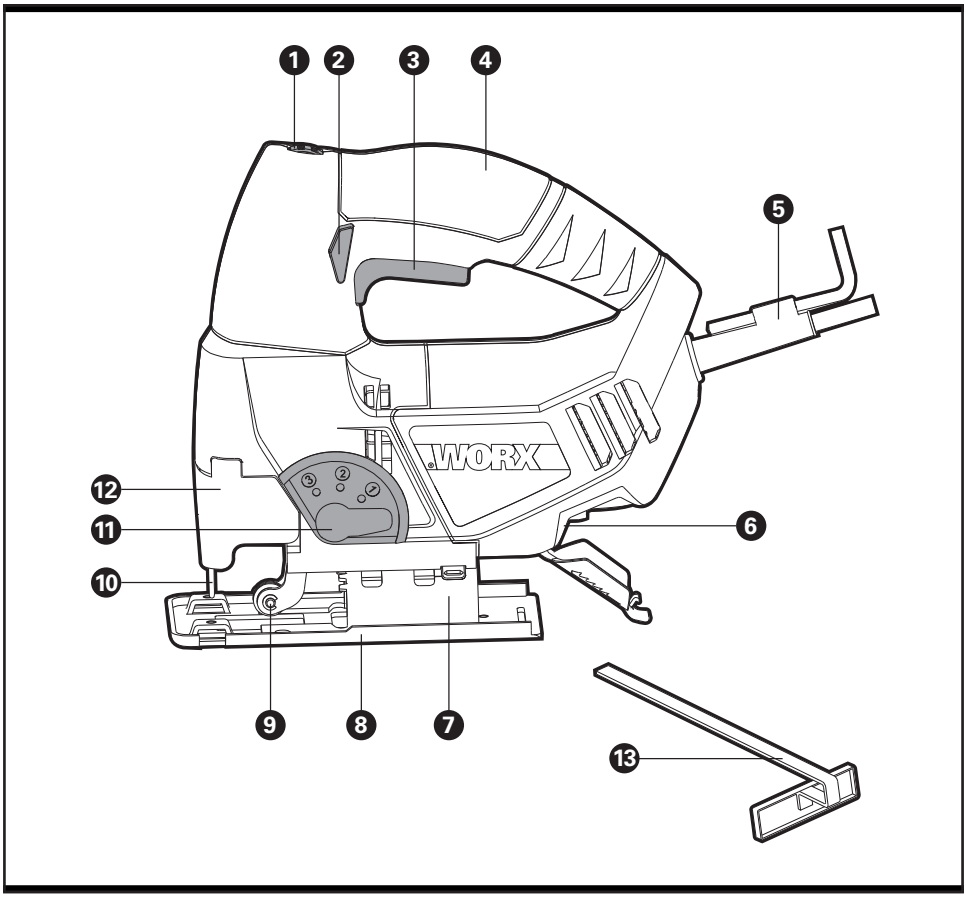



# SAFETY AND OPERATING MANUAL

**Jigsaw** **WX472**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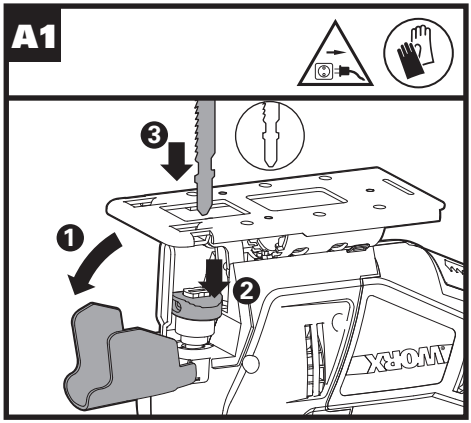
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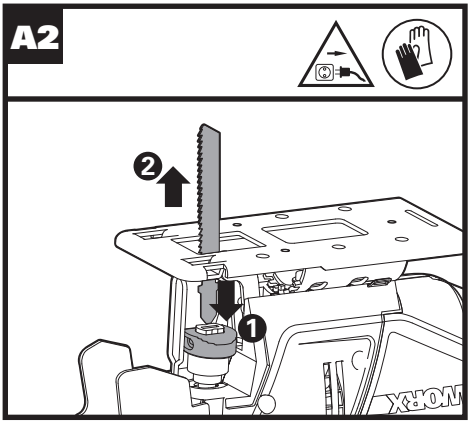
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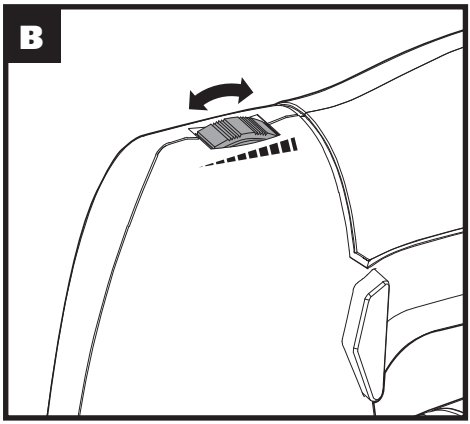
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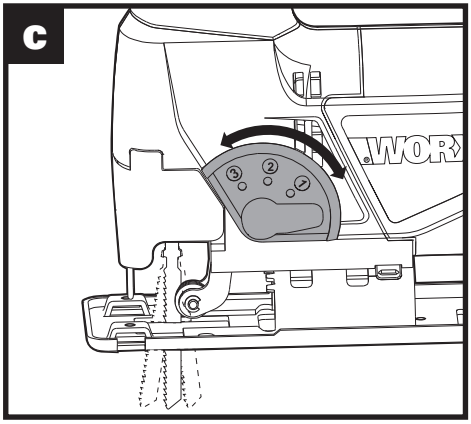
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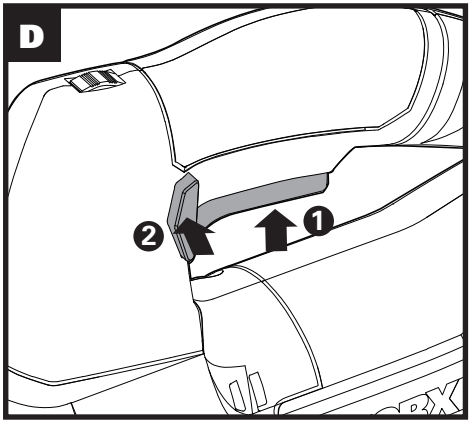
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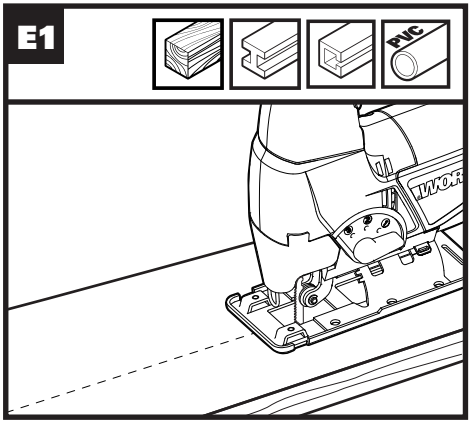
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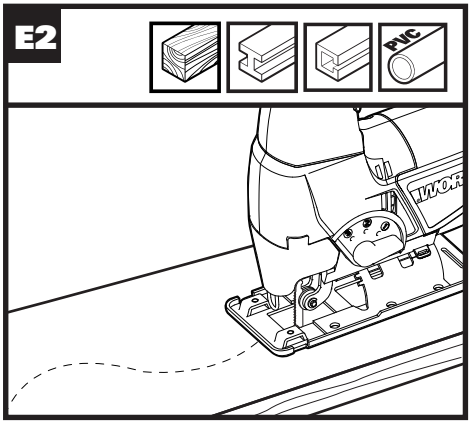
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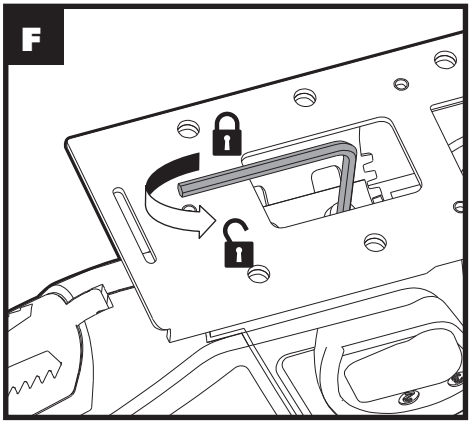
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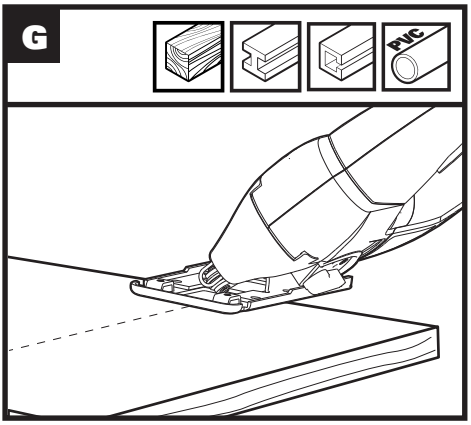


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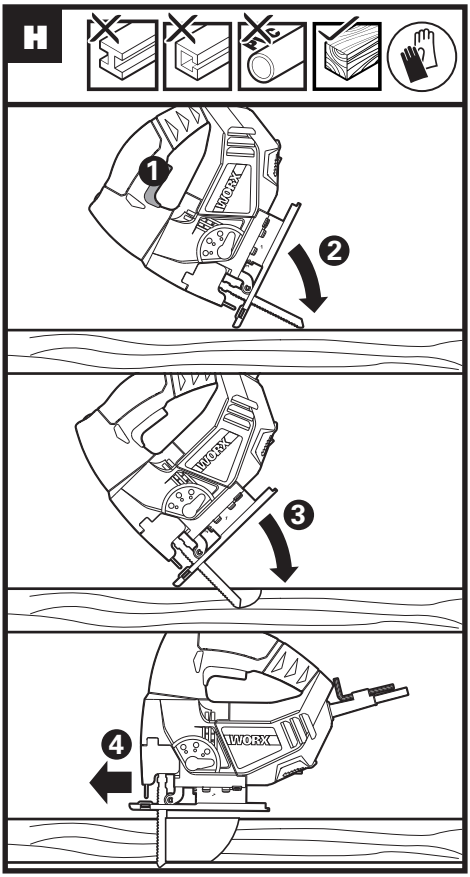


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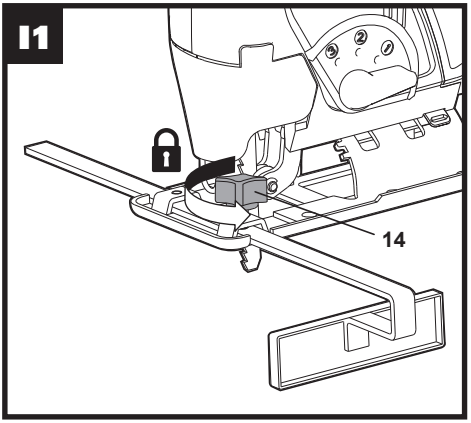


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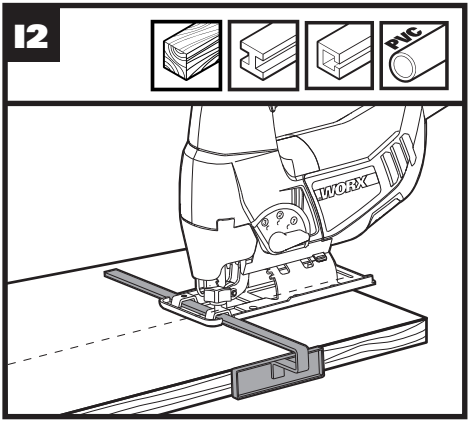


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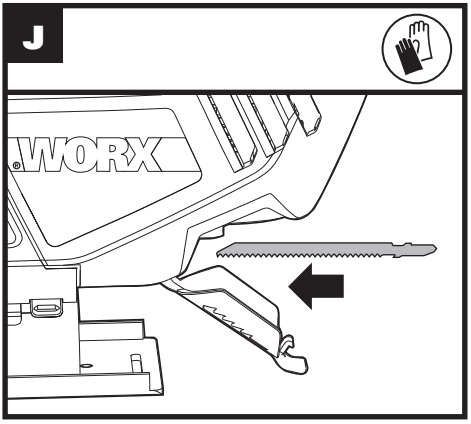

1. VARIABLE SPEED CONTROL
2. LOCK-ON BUTTON
3. ON/OFF SWITCH
4. SOFT GRIP HANDLE
5. ALLEN KEY
6. BLADE STORAGE
7. ANGLE PLATE
8. BASE PLATE
9. ROLLER GUIDE
10. PROTECTION FINGER
11. PENDULUM FUNCTION CONTROL
12. DUST COVER
13. PARALLEL GUIDE
14. PARALLEL GUIDE FIXTURE (See Fig. I1)

**Not all the accessories illustrated or described are included in standard delivery.**

# TECHNICAL DATA

Type **WX472(460-479-designation of machinery, representative of Jig Saw)**

| | |
|---|---|
| Rated voltage | 230-240V~50/60Hz |
| Rated power | 550W |
| Rated No-load speed | 800-2600/min |
| Stroke length | 20mm |
| Protection class | ⧈/II |
| Cutting capacity, max. thickness: | |
| Wood | 65mm |
| Aluminum | 12mm |
| Steel | 6mm |
| Weight | 2kg |

# ACCESSORIES

| | |
|---|---|
| **Allen key** | **1** |
| **Parallel guide** | **1** |
| **Metal cutting blade** | **1** |
| **Wood cutting blade** | **1** |
| **Aluminum cutting blade** | **1** |

We recommend that you purchase your accessories from the same store that sold you the tool. Use good quality accessories marked with a well-known brand name. Choose the type according to the work you intend to undertake. Refer to the accessory packaging for further details. Store personnel can assist you and offer advice.

# GENERAL POWER TOOL SAFETY WARNINGS

**WARNING!** Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

**Save all warnings and instructions for future reference.**
The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

**1 WORK AREA SAFETY**

**a) Keep work area clean and well lit.** Cluttered or dark areas invite accidents.

**b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.

**c) Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.



**2 ELECTRICAL SAFETY**

**a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.

**b) Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.

**c) Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.

**d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.

**e) When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

**f) If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

**3) PERSONAL SAFETY**

**a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.

**b) Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

**c) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

**d) Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

**e) Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.

**f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.

**g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of these devices can reduce dust-related hazards.

**4) POWER TOOL USE AND CARE**

**a) Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.

**b) Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

**c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.

**d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.

**e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.

**f) Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

**g) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

**5) SERVICE**

**a) Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

# ADDITIONAL SAFETY RULES FOR YOUR RECIPROCATING SAW / JIG SAW

1. **Always wear a dust mask.**
2. **Hold power tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord.** Cutting accessory contacting a 'live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

**WARNING: Some dust particles created by power sawing, contain chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:**

- **Lead from lead-based paints.**
- **Crystalline silica from bricks and cement and other masonry products.**
- **Arsenic and chromium from chemically treated lumber.**

**Your risk from these exposures varies, depending upon how often you do this type of work. To reduce your exposure to these chemicals:**

- **Work in a well-ventilated area.**
- **Work with approved safety equipment, such as those dust masks that are specially designed to filter microscopic particles.**

## SYMBOLS

| | |
|---|---|
| | To reduce the risk of injury, user must read instruction manual |
| | Double insulation |
| | Warning |
| | Wear ear protection |
| | Wear eye protection |
| | Wear dust mask |
| | Before any work on the machine itself, pull the mains plug from the socket outlet. |
| | Wear protective gloves |
| | Wood |
| | Aluminium |
| | Metal |
| | Plastic |
| | Lock |

| | |
|---|---|
| | Unlock |
| | RCM marking |

ABN: Australian Business Number, according to which business details such as business name and address can be found at website http://abr.business.gov.au

# OPERATING INSTRUCTIONS

**NOTE:** Before using the tool, read the instruction book carefully. Always wear a dust mask.

Recommendation that the tool always be supplied via a residual current device with a rated residual current of 30 mA or less.

**INTENDED USE:**
The machine is intended for sawing wood, plastic, metal and building materials while resting firmly on the workpiece. It is suitable for straight and curved cuts with mitre angles to 45°. The saw blade recommendations are to be observed.

| Action | Figure |
|---|---|
| Blade Installation | See Fig A1 |
| Blade Removing | See Fig A2 |
| Variable speed control | See Fig B |
| Pendulum function | See Fig C |
| On/off switch | See Fig D |
| Lock-on button | See Fig D |
| Straight cut and curve cut | See Fig E1,E2 |
| Bevel cut | See Fig F,G |
| Plunge cut | See Fig H |
| Parallel guide | See Fig I1,I2 |
| Blade Storage | See Fig J |

# MAINTENANCE

**Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.**
Your power tool requires no additional lubrication or maintenance.
There are no user serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust. Occasionally you may see sparks through the ventilation slots. This is normal and will not damage your power tool.
If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.



# TROUBLESHOOTING

| Symptom | Possible Causes | Possible Solution |
|---|---|---|
| Tool will not start when power on | • Power cord is not plugged. | • Check to make sure power cord is connected well into a working outlet. |
| Poor cut quality | • Blade is worn out.<br>• Blade is assembled incorrectly<br>• Pushing rate is too fast. | • Make sure the blade is sharp and not broken.<br>• Make sure the blade is installed properly.<br>Push the machine slowly. |
| Work efficiency is low. | • Blade is worn out<br>• Incorrect speed setting<br>• Incorrect Pendulum function setting | • Change to a new blade.<br>• Adjust the variable speed control according to the material<br>• Adjust the pendulum function control according to the material |
| Blade is not clamped tightly by the Blade Holder. | • Blade is not inserted into place fully. | Dismantle the blade and reinstall it correctly. |

you've got the power

**www.worx.com**

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